

Kathy Bobseine

Education:

- B.A., State University of New York Binghamton, Binghamton, NY; Biology, 1971.
- M.S., North Carolina State University, Raleigh, NC; Zoology, 1973.

Professional Experience:

- 1982-1986: Senior Scientist, Man Tech, Inc., Contractor to EPA.
- 1987-Present: Biologist, EPA.

Awards and Honors:

- EPA S Awards, 10 awards. 2002-2006.
- EPA Science and Technological Achievement Award, Level II. 2005.

Selected Publications:

Hartig PC, Cardon MC, Lambright CS, Bobseine KL, Wilson VS, Gray LE. 2007. Substitution of synthetic chimpanzee androgen receptor for human androgen receptor in competitive binding and transcriptional activation assays for EDC screening. *Toxicol Lett.* 174:89-97. [Abstract](#)

Kaydos E, Suarez JD, Roberts NL, Bobseine KL, Zucker RM, Laskey JW, Klinefelter GR. 2004. Haloacid induced alterations in fertility and the sperm biomarker SP22 in the rat are additive: Validation of an ELISA. *Toxicol Sci.* 81:430-42. [Abstract](#)

Wilson VS, Bobseine K, Gray LE. 2004. Development and characterization of a cell line that stably expresses an estrogen-responsive luciferase reporter for the detection of estrogen receptor agonist and antagonists. *Toxicol Sci.* 81:69-77. [Abstract](#)

Kawanishi CY, Hartig PC, Bobseine KL, Schmid JE, Cardon MC, Massenburg GS, Chernoff N, Kawanishi CY. 2003. Axial skeletal and hox expression domain alterations induced by retinoic acid, valproic acid and bromoxynil during murine development. *J Biochem Mol Toxicol.* 17:346-56. [Abstract](#)

Gray LE, Ostby J, Wilson V, Lambright C, Bobseine K, Hartig P, Hotchkiss A, Wolf C, Furr J, Price M, Parks L, Cooper RL, Stoker TE, Laws SC, Degitz SJ, Jensen KM, Kahl MD, Korte JJ, Makynen EA, Tietge JE, Ankley GT. 2002 Xenoendocrine disrupters-tiered screening and testing: Filling key data gaps. *Toxicology.* 181-182:371-82. [Abstract](#)

Hartig PC, Bobseine KL, Britt BH, Cardon MC, Lambright CS, Wilson VS, Gray LE. 2002. Development of two androgen receptor assays using adenoviral transduction of MMTV-LUC reporter and/or HAR for endocrine screening. *Toxicol Sci.* 66:82-90. [Abstract](#)

Wilson VS, Bobseine K, Lambright CS, Gray LE. 2002. A novel cell line, MDA-KB2, that stably expresses an androgen- and glucocorticoid-responsive reporter for the detection of hormone receptor agonists and antagonists. *Toxicol Sci.* 66:69-81. [Abstract](#)

Klinefelter GR, Welch JE, Perreault SD, Moore HD, Zucker RM, Suarez JD, Roberts NL, Bobseine K, Jeffay S. 2002. Localization of the sperm protein SP-22 and inhibition of fertility *in vivo* and *in vitro*. *J Androl.* 23:48-63. [Abstract](#)

Hartig PC, Bobseine KL, Britt BH, Cardon MC, Lambright CS, Wilson VS, Gray LE. 2002. Development of two androgen receptor assays using adenoviral transduction of MMTV-LUC reporter and/or HAR for endocrine screening. *Toxicol Sci.* 66:82-90. [Abstract](#)